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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application	on of: Tom Sprinkle et al.)	Examiner: Teena Kay Mitchell
Serial No.:	10/601,729)	Art Unit: 3771
Filed:	June 23, 2003	.)	Attorney Docket No.: 12873/04605
For: NASA	L MASK) ·)	Confirmation No.: 8729

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B forms and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

FOREIGN LANGUAGE DOCUMENTS

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In compliance with the concise explanation requirement and the state of the concise explanation requirement and the concise ex foreign language documents, Applicant encloses herewith a copy of a Communication of from a foreign patent office in a counterpart application citing such documents, together with that portion of the Communication indicating the degree of relevance found by the foreign patent office.

	In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations:
	Complete English translations of foreign language documents are being submitted herewith, and therefore no concise explanation for such documents is required.
CER	TIFICATION AND FEE PAYMENT INFORMATION
	The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination under 37 C.F.R. § 1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required. If this is not the case, the patent office is hereby authorized to charge any related fee or credit any overpayments to Deposit Account No. 030172 , order number 12873/04605.
	The present Information Disclosure Statement is being filed three months or fewer from a Communication from a foreign patent office and Applicant submits the following Statement Under 37 C.F.R. § 1.704(d). Each item of information contained in the Information Disclosure Statement was cited in a Communication from a foreign patent office in a counterpart application and this Communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.
	The present Information Disclosure Statement is being filed after the later of three months from the application's filing date and mailing date of the first Office Action on the merits, but before a Final Office Action, Notice of Allowance, or an action that otherwise closes prosecution in the application (whichever is earlier), and therefore Applicant submits the following Statement under 37 C.F.R. § 1.97(e). No fee under 37 C.F.R. § 1.17(p) is required. If this is not the case, the patent office is hereby authorized to charge any related fee to Deposit Account No. 030172
	Each item of information contained in this information disclosure statement was cited in a Communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
	No item of information contained in this information disclosure statement was cited in a Communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this statement.

	The present Information Disclosure Statement is being filed (without a Statement under 37 C.F.R. § 1.97(e)) after the later of three months from the application's filing date at the mailing date of the first Office Action on the merits, but before a Final Office Action Notice of Allowance, or an action that otherwise closes prosecution in the application (whichever is earlier). Accordingly, Applicant submits the fee required under 37 C.F.F. § 1.17(p). The fee is being paid in the following manner:					
	\boxtimes	A check is attached in the amount of \$180.00 as required under 37 § 1.17(p).				
		The patent office is hereby authorized to charge the amount of \$ and any related fee to Deposit Account No. 030172				
	The present Information Disclosure Statement is being filed after the mailing of a final Office Action, Notice of Allowance or an action that otherwise closes prosecution in the application, but on or before the payment of the issue fee. Accordingly, Applicant submits the following Statement under 37 C.F.R. § 1.97(e) along with the fee required under 37 C.F.R. § 1.17(p).					
		Each item of information contained in this information disclosure statement was cited in a Communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.				
		No item of information contained in this information disclosure statement was cited in a Communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.				
		AND, the fee is being paid in the following manner:				
		A check is attached in the amount of \$ as required under 37 § 1.17(p).				
		The patent office is hereby authorized to charge the amount of \$ and any related fee to Deposit Account No. 030172.				
	\boxtimes	Please charge any fee deficiencies or credit any overpayments to Deposit Account No. 03-0172, order number 12873/04605.				
Date: _	Any	Respectfully submitted, By: Paul E. Szabo, Regulo. 30,429 Customer No. 24024 Telephone: (216) 622-8578				

PTO/SB/08A (04-07)

Approved for use through 09/30/2007. OMB 0651-0031

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INFORMATION DISCLOSURE

(Use as many sheets as necessary)

STATEMENT BY APPLICANT

Substitute for form 1449 PEMARY

Sheet

Complete if Known				
Application Number	11/601,729			
Filing Date	06/23/2003			
First Named Inventor	Sprinkle			
Art Unit	3771			
Examiner Name	Teena Kay Mitchell			
Attorney Docket Number	12873/04605			

			U. S. PATENT	DOCUMENTS		
Examiner Ci Initials* No		Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	1	Number-Kind Code ^{2 (if known)}	04/0000	Delta-ai	- I I I I I I I I I I I I I I I I I I I	
	<u> </u>	^{US-} 6,341,383	01/2002	Beltrani		
		^{US-} 6,520,182	02/2003	Gunaratnam	A	
		^{US-} 6,532,961	03/2003	Kwok et al.		
		^{US-} 6,550,070	04/2003	Wiegand		
		^{US-} 6,679,261	01/2004	Lithgow et al.		
		^{US-} 6,691,707	02/2004	Gunaratnam		
•		^{US-} 6,694,532	02/2004	Chen		
		^{US-} 6,832,610	12/2004	Gradon		
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		FORE	IGN PATENT DOCU	JMENTS		
Examiner Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
		EP 958,841	11/24/1999	MAP Medizintechnik		
		WO 98/34665	08/13/1998	Resmed Limited		

		<u>. </u>
Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO				Complete if Known		
				Application Number	10/601,729	
INFORMATION DISCLOSURE				Filing Date	June 23, 2003	
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	Sprinkle	
(Use as many sheets as necessary)				Art Unit	3771	
				Examiner Name	Teena Kay Mitchell	
Sheet 2		of	2	Attorney Docket Number	12873/04605	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Communications from European Application No. 03745562.3-2310, mailed July 12, 2007, 6 pages.	
,			
Examiner Signature		Date Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.